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<u>L6</u>	l1 and (\$mg.2).ab.	0	<u>L6</u>
<u>L5</u>	pro-c-mg\$	0	<u>L5</u>
<u>L4</u>	"pro-c-mg.2"	0	<u>L4</u>
<u>L3</u>	L2 and (polypep\$ OR protein).ab.	37	<u>L3</u>
<u>L2</u>	L1 and (angiogen\$).ab.	39	<u>L2</u>
<u>L1</u>	(gerritsen-m\$ or goddard-a\$ or grimaldi-j\$ or mehraban-f\$).in.	212	<u>L1</u>



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DRUGLAINCH, DRUGMONOG2, DRUGUPDATES, FEDRIP, FOREGE, GENBANK, KOSMET,
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L1 ANSWER 1 OF 10 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2001:372498 PROMT
TITLE: COMPANY.
SOURCE: Implement & Tractor, (Annual 2001) pp. 4.
ISSN: 0019-2953.
PUBLISHER: Freiburg Publishing Co. Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 73063
FULL TEXT IS AVAILABLE IN THE AML FORMAT

L2 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1
AN 2001:265584 CAPLUS
DN 114:291146
TI human polypeptides and their encoding nucleic acids for use in
angiogenesis and vascularization
IN Territsen, Mary E.; Goddard, Audrey; Grimaldi, J. Christopher; Mehraban,
Flad
PA Genentech, Inc., USA; Curagen Corporation
SO PCT Int. Appl., 189 pp.
CODEN: PIXXD2
BT Patent



LA English
PABLOUT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 2001025433	A2	20010412	WO 2000-032051	20000104	
	WO 2001025433	A2	20011121			
	W: AE, AG, AH, AM, AT, AU, AZ, BA, BE, BG, BP, BY, BZ, CA, CH, CN, CR, CU, CE, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GN, GR, GW, HP, HU, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OL, OM, OS, PA, PE, PG, PH, PK, PL, PT, QA, RO, RU, RW, SA, SE, SG, SI, SK, SL, SM, SN, SR, ST, SV, TC, TD, TF, TG, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZH, AM, AN, AP, AS, AT, AU, AX, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BR, BS, BT, BU, BV, BW, BY, BZ, CA, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CU, CV, CW, CX, CY, CZ, DA, DB, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UU, UV, UW, UX, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ					
PRA1	US 1999-153587P	P	19991007			
	US 1999-162611P	P	19991028			

L2 ANSWER 3 OF 10 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2001:152547 PROMT
TITLE: Manufacturers.
SOURCE: Canadian Machinery and Metalworking, (Dec 2000) Vol. 95, No. 10, pp. 103.
ISSN: 0008-4379.
PUBLISHER: Maclean Hunter Canadian Publishing Ltd.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 64708
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L2 ANSWER 4 OF 10 PROMT COPYRIGHT 2002 Gale Group

ACCESSION NUMBER: 2001:453282 PROMT
TITLE: COMPANY. (Buyers Guide)
SOURCE: Implement & Tractor, (Annual 2000) pp. 4.
ISSN: 0019-2955.
PUBLISHER: Freiburg Publishing Co. Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 81111
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L2 ANSWER 5 OF 10 DGENE (C) 2002 THOMSON DERWENT
AN AAE02775 Protein DGENE
TI Polypeptides critical for angiogenesis and vascularization, and the nucleic acids encoding them, useful for treating conditions related to inappropriate vascularization and angiogenesis -
IN Gerritsen M E; Goddard A; Prasad J C; Mehraban F
PA (GETH) GENENTECH INC.
(CURA-N) CURAGEN CORP.
PI WO 2001025433 A2 20010412 1:0p
AI WO 2000-032051 20000104
PRA1 US 1999-158587 19991007
US 1999-162611 19991028
DT Patent
LA English
CS 2001-107229 (38)

L2 ANSWER 6 OF 10 DGENE (C) 2002 THOMSON DERWENT



L2 ANSWER 7 OF 10 DGENE (C) 2002 THOMSON DERWENT
 AN AAD07045 DNA DGENE
 TI Polypeptides critical for angiogenesis and vascularization, and the nucleic acids encoding them, useful for treating conditions related to inappropriate vascularization and angiogenesis -
 IN Gerritsen M E; Goddard A; Grimaldi J C; Mehraban F
 PA (GETH) GENENTECH INC.
 (CURA-N) CURAGEN CORP.
 FI WO 2001025433 A2 20010412 189p
 AI WO 2000-US-7512 20001005
 ERAI US 1999-15-587 19991007
 US 1999-16-611 19991028
 DI Patent
 LA English
 CS 3101-36722 * [38]

L2 ANSWER 7 OF 10 DGENE (C) 2002 THOMSON DERWENT
 AN AAD07045 DNA DGENE
 TI Polypeptides critical for angiogenesis and vascularization, and the nucleic acids encoding them, useful for treating conditions related to inappropriate vascularization and angiogenesis -
 IN Gerritsen M E; Goddard A; Grimaldi J C; Mehraban F
 PA (GETH) GENENTECH INC.
 (CURA-N) CURAGEN CORP.
 FI WO 2001025433 A2 20010412 189p
 AI WO 2000-US-7512 20001005
 ERAI US 1999-15-587 19991007
 US 1999-16-611 19991028
 IT Patent
 LA English
 CS 3101-36722 * [38]

L2 ANSWER 8 OF 10 DGENE (C) 2002 THOMSON DERWENT
 AN AAD07046 DNA DGENE
 TI Polypeptides critical for angiogenesis and vascularization, and the nucleic acids encoding them, useful for treating conditions related to inappropriate vascularization and angiogenesis -
 IN Gerritsen M E; Goddard A; Grimaldi J C; Mehraban F
 PA (GETH) GENENTECH INC.
 (CURA-N) CURAGEN CORP.
 FI WO 2001025433 A2 20010412 189p
 AI WO 2000-US-7512 20001005
 ERAI US 1999-15-587 19991007
 US 1999-16-611 19991028
 IT Patent
 LA English
 CS 3101-36722 * [38]

L2 ANSWER 9 OF 10 DGENE (C) 2002 THOMSON DERWENT
 AN AAD07046 DNA DGENE
 TI Polypeptides critical for angiogenesis and vascularization, and the nucleic acids encoding them, useful for treating conditions related to inappropriate vascularization and angiogenesis -
 IN Gerritsen M E; Goddard A; Grimaldi J C; Mehraban F
 PA (GETH) GENENTECH INC.
 (CURA-N) CURAGEN CORP.
 FI WO 2001025433 A2 20010412 189p
 AI WO 2000-US-7512 20001005
 ERAI US 1999-15-587 19991007
 US 1999-16-611 19991028
 DT Patent



LA English
OS 2001-367222 {36}

L2 ANSWER 14 OF 19: GENE, THE 2002 THOMSON DEWEENT
AN AAD07643 cDNA GENE
TI Polypeptides critical for angiogenesis and vascularization, and the
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inappropriate vascularization and angiogenesis -
IN Gerritsen M E; Goddard A; Grimaldi J C; Menraban F
PA (GETH) GENENTECH INC.
(CURA-N) CURAGEN CORP.
PI WO 2001025433 A2 20010412 1esp
AT WO 2000-US27512 20001005
PRAI US 1999-158587 19991007
US 1999-162611 19991028
DT Patent
LA English
OS 2001-367229 {36}



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Maximum: 1000 (approx. 1000)

Minimum: 1000 (approx. 1000)

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36 137 4.6 939 1 S22_YEAST
37 137 4.6 1254 1 EPR2_MOUSE
38 137 4.6 1273 1 PAS3_YEAST
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42 136 4.5 501 1 WASH_MOUSE
43 135.5 4.5 505 1 WASH_MOUSE
44 135.5 4.5 634 1 KRC1_MOUSE
45 134.5 4.5 474 1 S22_YEAST

AC: COMMENT

RESULT 1

ST10_HUMAN STANDARD: PKC: 900 AA

AC 094804: 090104: PKC: 900 AA

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DI 16-001-2001 (bel: 40) Last sequence update

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DI 16-001-2001 (bel: 40) Last sequence update

DI 16-001-2001 (bel: 40) Last sequence update

[illegible][illegible]

[illegible]

Dr. M. J. J. van der Wal, a geologist, is in frequent contact with a collaboration team of geologists and geographers of the Department of Geographical Sciences and the Earth Sciences at the University of Toronto, Canada. There are no direct contacts with the other members of the collaboration team, although they are kept informed by mail for continuing information on progress and results.

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

[illegible]

Protein	Accession	Protein kinase	Protein	Accession	Protein kinase
PKA	P05130	PKA	PKA	P05130	PKA
PKB	P05131	PKB	PKB	P05131	PKB
PKC	P05132	PKC	PKC	P05132	PKC
PKD	P05133	PKD	PKD	P05133	PKD
PKF	P05134	PKF	PKF	P05134	PKF
PKG	P05135	PKG	PKG	P05135	PKG
PKH	P05136	PKH	PKH	P05136	PKH
PKI	P05137	PKI	PKI	P05137	PKI
PKJ	P05138	PKJ	PKJ	P05138	PKJ
PKL	P05139	PKL	PKL	P05139	PKL
PKM	P05140	PKM	PKM	P05140	PKM
PKN	P05141	PKN	PKN	P05141	PKN
PKO	P05142	PKO	PKO	P05142	PKO
PKP	P05143	PKP	PKP	P05143	PKP
PKQ	P05144	PKQ	PKQ	P05144	PKQ
PKR	P05145	PKR	PKR	P05145	PKR
PKS	P05146	PKS	PKS	P05146	PKS
PKT	P05147	PKT	PKT	P05147	PKT
PKU	P05148	PKU	PKU	P05148	PKU
PKV	P05149	PKV	PKV	P05149	PKV
PKW	P05150	PKW	PKW	P05150	PKW
PKX	P05151	PKX	PKX	P05151	PKX
PKY	P05152	PKY	PKY	P05152	PKY
PKZ	P05153	PKZ	PKZ	P05153	PKZ
PKAA	P05154	PKAA	PKAA	P05154	PKAA
PKAB	P05155	PKAB	PKAB	P05155	PKAB
PKAC	P05156	PKAC	PKAC	P05156	PKAC
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PKAF	P05159	PKAF	PKAF	P05159	PKAF
PKAG	P05160	PKAG	PKAG	P05160	PKAG
PKAH	P05161	PKAH	PKAH	P05161	PKAH
PKAI	P05162	PKAI	PKAI	P05162	PKAI
PKAJ	P05163	PKAJ	PKAJ	P05163	PKAJ
PKAK	P05164	PKAK	PKAK	P05164	PKAK
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PKAN	P05167	PKAN	PKAN	P05167	PKAN
PKAO	P05168	PKAO	PKAO	P05168	PKAO
PKAP	P05169	PKAP	PKAP	P05169	PKAP
PKAQ	P05170	PKAQ	PKAQ	P05170	PKAQ
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PKAV	P05175	PKAV	PKAV	P05175	PKAV
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PKBB	P05181	PKBB	PKBB	P05181	PKBB
PKBC	P05182	PKBC	PKBC	P05182	PKBC
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PKBF	P05185	PKBF	PKBF	P05185	PKBF
PKBG	P05186	PKBG	PKBG	P05186	PKBG
PKBH	P05187	PKBH	PKBH	P05187	PKBH
PKBI	P05188	PKBI	PKBI	P05188	PKBI
PKBJ	P05189	PKBJ	PKBJ	P05189	PKBJ
PKBK	P05190	PKBK	PKBK	P05190	PKBK
PKBL	P05191	PKBL	PKBL	P05191	PKBL
PKBM	P05192	PKBM	PKBM	P05192	PKBM
PKBN	P05193	PKBN	PKBN	P05193	PKBN
PKBO	P05194	PKBO	PKBO	P05194	PKBO
PKBP	P05195	PKBP	PKBP	P05195	PKBP

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REF ID: A6	TRANSIT	STATION	DATE	TIME	REMARKS
101	19001	19001	19001	19001	19001
102	19002	19002	19002	19002	19002
103	19003	19003	19003	19003	19003
104	19004	19004	19004	19004	19004
105	19005	19005	19005	19005	19005
106	19006	19006	19006	19006	19006
107	19007	19007	19007	19007	19007
108	19008	19008	19008	19008	19008
109	19009	19009	19009	19009	19009
110	19010	19010	19010	19010	19010
111	19011	19011	19011	19011	19011
112	19012	19012	19012	19012	19012
113	19013	19013	19013	19013	19013
114	19014	19014	19014	19014	19014
115	19015	19015	19015	19015	19015
116	19016	19016	19016	19016	19016
117	19017	19017	19017	19017	19017
118	19018	19018	19018	19018	19018
119	19019	19019	19019	19019	19019
120	19020	19020	19020	19020	19020

[illegible]

TRAFFICKING: BELONGS TO THE SERPIN PROTEIN FAMILY.
SIMILARITY: CONTAINS 1 PROX HOMOLOG (PX) DOMAIN.

or send an email to license@bbs.slu.se.

EMBL: AF405779; AAC26676; J1
JolietPro: JPRO1683; PX
Clam: PRO0787; PX: 1
BMRB: PRO0787; PX: 1
Transport: Proton (Transport: Colloid coll.)
Formal: 110 211 PX
Domain: 228 278 COLLECTORIAL (PROTEINAL)
Sequence: 443 AA; 49158 MW; EMBL722096AA443875; PRO74

[illegible]

10. The following are the names of the persons who have been elected to the office of the President of the United States in the year 1800.

Sequence version 4.5
 Copyright (c) 1994-2000 Empress Ltd.

Method: Protein search using SW model

Time: 20:22:09.55:41 : Search time 109.75 seconds
 (without alignment)
 600,871 Models in cell of database

Database:

Sequence: 1 MAMMARIAN PROTEIN SEQUENCE DATA RELEASE 2000

Search method:

FASTA002

Search matrix:

BLAST002

Search matrix:

BLAST002

Search matrix:

BLAST002

Search matrix:

BLAST002

Search matrix:

BLAST002

Search matrix:

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Search matrix:

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Search matrix:

BLAST002

Prod. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed.
 Prod. No. is derived by analysis of the total score distribution.

SUMMARY

Rank	Score	Prod. No.	Accession	Description
1	100.0	577	AA02775	Human PRC-1, M2.2 P
2	99.8	576	AA02776	Human PRC-1, M2.2 P
3	99.6	575	AA02777	Human PRC-1, M2.2 P
4	99.4	574	AA02778	Human PRC-1, M2.2 P
5	99.2	573	AA02779	Human PRC-1, M2.2 P
6	99.0	572	AA02780	Human PRC-1, M2.2 P
7	98.8	571	AA02781	Human PRC-1, M2.2 P
8	98.6	570	AA02782	Human PRC-1, M2.2 P
9	98.4	569	AA02783	Human PRC-1, M2.2 P
10	98.2	568	AA02784	Human PRC-1, M2.2 P
11	98.0	567	AA02785	Human PRC-1, M2.2 P
12	97.8	566	AA02786	Human PRC-1, M2.2 P

12	199.5	6.6	912	20	AA02775	Human PRC-1, M2.2 P
13	199.5	6.6	912	20	AA02776	Human PRC-1, M2.2 P
14	199.5	6.6	912	20	AA02777	Human PRC-1, M2.2 P
15	199.5	6.6	912	20	AA02778	Human PRC-1, M2.2 P
16	199.5	6.6	912	20	AA02779	Human PRC-1, M2.2 P
17	199.5	6.6	912	20	AA02780	Human PRC-1, M2.2 P
18	199.5	6.6	912	20	AA02781	Human PRC-1, M2.2 P
19	199.5	6.6	912	20	AA02782	Human PRC-1, M2.2 P
20	199.5	6.6	912	20	AA02783	Human PRC-1, M2.2 P
21	199.5	6.6	912	20	AA02784	Human PRC-1, M2.2 P
22	199.5	6.6	912	20	AA02785	Human PRC-1, M2.2 P
23	199.5	6.6	912	20	AA02786	Human PRC-1, M2.2 P
24	199.5	6.6	912	20	AA02787	Human PRC-1, M2.2 P
25	199.5	6.6	912	20	AA02788	Human PRC-1, M2.2 P
26	199.5	6.6	912	20	AA02789	Human PRC-1, M2.2 P
27	199.5	6.6	912	20	AA02790	Human PRC-1, M2.2 P
28	199.5	6.6	912	20	AA02791	Human PRC-1, M2.2 P
29	199.5	6.6	912	20	AA02792	Human PRC-1, M2.2 P
30	199.5	6.6	912	20	AA02793	Human PRC-1, M2.2 P
31	199.5	6.6	912	20	AA02794	Human PRC-1, M2.2 P
32	199.5	6.6	912	20	AA02795	Human PRC-1, M2.2 P
33	199.5	6.6	912	20	AA02796	Human PRC-1, M2.2 P
34	199.5	6.6	912	20	AA02797	Human PRC-1, M2.2 P
35	199.5	6.6	912	20	AA02798	Human PRC-1, M2.2 P
36	199.5	6.6	912	20	AA02799	Human PRC-1, M2.2 P
37	199.5	6.6	912	20	AA02800	Human PRC-1, M2.2 P
38	199.5	6.6	912	20	AA02801	Human PRC-1, M2.2 P
39	199.5	6.6	912	20	AA02802	Human PRC-1, M2.2 P
40	199.5	6.6	912	20	AA02803	Human PRC-1, M2.2 P
41	199.5	6.6	912	20	AA02804	Human PRC-1, M2.2 P
42	199.5	6.6	912	20	AA02805	Human PRC-1, M2.2 P
43	199.5	6.6	912	20	AA02806	Human PRC-1, M2.2 P
44	199.5	6.6	912	20	AA02807	Human PRC-1, M2.2 P
45	199.5	6.6	912	20	AA02808	Human PRC-1, M2.2 P

RESULTS

AA02775	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02775	Human PRC-1, M2.2 P
AA02776	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02776	Human PRC-1, M2.2 P
AA02777	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02777	Human PRC-1, M2.2 P
AA02778	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02778	Human PRC-1, M2.2 P
AA02779	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02779	Human PRC-1, M2.2 P
AA02780	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02780	Human PRC-1, M2.2 P
AA02781	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02781	Human PRC-1, M2.2 P
AA02782	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02782	Human PRC-1, M2.2 P
AA02783	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02783	Human PRC-1, M2.2 P
AA02784	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02784	Human PRC-1, M2.2 P
AA02785	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02785	Human PRC-1, M2.2 P
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AA02787	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02787	Human PRC-1, M2.2 P
AA02788	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02788	Human PRC-1, M2.2 P
AA02789	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02789	Human PRC-1, M2.2 P
AA02790	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02790	Human PRC-1, M2.2 P
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AA02793	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02793	Human PRC-1, M2.2 P
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AA02797	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02797	Human PRC-1, M2.2 P
AA02798	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02798	Human PRC-1, M2.2 P
AA02799	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02799	Human PRC-1, M2.2 P
AA02800	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02800	Human PRC-1, M2.2 P
AA02801	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02801	Human PRC-1, M2.2 P
AA02802	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02802	Human PRC-1, M2.2 P
AA02803	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02803	Human PRC-1, M2.2 P
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AA02806	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02806	Human PRC-1, M2.2 P
AA02807	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02807	Human PRC-1, M2.2 P
AA02808	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02808	Human PRC-1, M2.2 P
AA02809	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02809	Human PRC-1, M2.2 P
AA02810	Human PRC-1, M2.2 P	199.5	6.6	912	20	AA02810	Human PRC-1, M2.2 P

[illegible][illegible]

XX WI: 2000058350-A1.

XX N (PDB: AM06796).

XX New isolated nucleic acid detection reagent for detecting 1000 or more

XX genes from fibroblasts and for elucidating cell signaling and cell-cell

XX interactions.

XX (Abstract: AB014486; 23PP - Sequence Listing: English).

XX The invention relates to an isolated nucleic acid detection reagent
XX capable of detecting 1000 or more genes from fibroblasts. The invention is
XX useful in detecting cellular activity and in elucidating cell signaling and
XX cell-cell interactions in higher eukaryotes for the development of
XX diagnostic, therapeutic and pharmaceuticals. The invention also relates
XX to a method for detecting 1000 or more genes from fibroblasts. The invention
XX also relates to a method for detecting 1000 or more genes from fibroblasts.
XX (Abstract: AM06796; 23PP - Sequence Listing: English).

XX The sequence data for this patent did not form part of the printed
XX specification, but was obtained in electronic format directly from WIPO
XX at (http://patent24.wipo.int/pat24/). The sequence is as follows:

XX Sequence: 415 AA:

Query Match: 11.18% Score: 432.5; Db: 22; Length: 515;
Post Local Similarity: 40.68; Prod No: 146-22;
Matches: 122; Conservative: 58; Mismatches: 125; Indels: 97; Gaps: 14;

XX 115 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 124 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 133 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 142 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 151 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 160 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 169 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 178 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 187 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 196 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 205 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

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XX 241 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 250 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

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XX 295 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 304 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 313 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX 322 EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

US Homo sapiens.

XX WO200058350-A1.

XX 05-OCT-2000.

XX 22-MAR-2000; 2000WO-050748.

XX 26-MAR-1999; 94US-0126566.

XX 22-DEC-1999; 94US-0171552.

XX (HUMAN) HUMAN GENOME SCI INC.

XX EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

XX EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF EAVVVF

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XX WO200058350-A1.

XX 05-OCT-2000.

XX 22-MAR-2000; 2000WO-050748.

XX 26-MAR-1999; 94US-0126566.

XX 22-DEC-1999; 94US-0171552.

XX (HUMAN) HUMAN GENOME SCI INC.

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Sequence 295 of 45
 (Query: 684-458-2) 1993-2000 Comparison Ltd.

FASTA format: protein search, using sw mode

Run on: June 12, 2002, 09:54:49 : Search time 05:56 seconds
 (without alignment)
 214,648 Mill on cell updates/sec

Hit list:
 Format: Score
 Sequence

US-09-684-458-2
 1. WASHINGTON STATE CIVIL SERVICE BOARD 577

Score on 1st hit: 60.5
 Gap: 10.0 : Gap: 0.5

Search: 214,628 seqs, 244,250 residues

Total number of hits satisfying chosen parameters: 214,628

Minimum hit seq length: 3
 Maximum hit seq length: 20000000

Post processed: Minimum Match: 0.8
 Maximum Match: 100%
 Clustal: first 45 summaries

Database:

Issued: PATENTS.AA*
 1. 1993-2000
 2. 1993-2000
 3. 1993-2000
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 5. 1993-2000
 6. 1993-2000
 7. 1993-2000
 8. 1993-2000
 9. 1993-2000
 10. 1993-2000

Note: No. is the number of results predicted by chance to have a
 score greater than or equal to the score of the result being printed,
 and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
1	156.5	5.1	1297	2	US-08-290-731C-4	Sequence 1, Appl
2	146	4.8	676	1	US-09-413-530-2	Sequence 2, Appl
3	144	4.8	1255	1	US-08-467-083-68	Sequence 69, Appl
4	144	4.8	1255	1	US-08-414-417B-68	Sequence 68, Appl
5	144	4.8	1255	2	US-08-464-434-68	Sequence 8, Appl
6	144	4.8	1255	2	US-08-466-344A-68	Sequence 68, Appl
7	144	4.8	1255	2	US-08-625-101-2	Sequence 2, Appl
8	144	4.8	1255	2	US-08-468-545B-68	Sequence 68, Appl
9	144	4.8	1255	2	US-08-659-789-2	Sequence 2, Appl
10	144	4.8	1255	2	US-08-468-545B-68	Sequence 68, Appl
11	144	4.8	1255	2	US-08-468-545B-68	Sequence 68, Appl
12	144	4.8	1255	2	US-08-468-545B-68	Sequence 68, Appl
13	144	4.8	1255	2	US-08-468-545B-68	Sequence 68, Appl
14	144	4.8	1255	2	US-08-468-545B-68	Sequence 68, Appl
15	144	4.8	1255	2	US-08-468-545B-68	Sequence 68, Appl
16	144	4.8	1255	2	US-08-468-545B-68	Sequence 68, Appl
17	144	4.8	1255	2	US-08-468-545B-68	Sequence 68, Appl
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25	144	4.8	1255	2	US-08-468-545B-68	Sequence 68, Appl
26	144	4.8	1255	2	US-08-468-545B-68	Sequence 68, Appl
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29	146	4.5	1415	1	US-08-606-606-68	Sequence 69, Appl
30	134	4.4	416	2	US-09-411-530-3	Sequence 3, Appl
31	134	4.4	416	2	US-09-411-530-3	Sequence 3, Appl
32	134	4.4	416	2	US-09-411-530-3	Sequence 3, Appl
33	134	4.4	416	2	US-09-411-530-3	Sequence 3, Appl
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35	134	4.4	416	2	US-09-411-530-3	Sequence 3, Appl
36	134	4.4	416	2	US-09-411-530-3	Sequence 3, Appl
37	132.5	4.4	447	2	US-09-411-530-3	Sequence 3, Appl
38	132.5	4.4	447	2	US-09-411-530-3	Sequence 3, Appl
39	132.5	4.4	447	2	US-09-411-530-3	Sequence 3, Appl
40	131	4.4	1255	2	US-08-468-545B-68	Sequence 68, Appl
41	131	4.4	1255	2	US-08-468-545B-68	Sequence 68, Appl
42	131	4.4	1255	2	US-08-468-545B-68	Sequence 68, Appl
43	130	4.3	416	2	US-09-411-530-3	Sequence 3, Appl
44	130	4.3	416	2	US-09-411-530-3	Sequence 3, Appl
45	130	4.3	416	2	US-09-411-530-3	Sequence 3, Appl

ALIGNMENTS

RESULT 1

US-08-290-731C-4

Sequence 4, Application US/08290731C

Patent No. 584646

GENERAL INFORMATION:

APPLICANT: BOWELL, David Douglas LAWRENCE

TITLE OF INVENTION: DNA MOLECULES ENCODING

INVENTOR: BOWELL, David Douglas LAWRENCE

ATTORNEY: BOWELL, David Douglas LAWRENCE

NUMBER OF SEQUENCES: 15

CORRESPONDENCE ADDRESS:

ADDRESS: BOWELL, David Douglas LAWRENCE

CITY: WASHINGTON

STATE: D.C.

COUNTRY: USA

ZIP: 20047

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version 1.0.0

CURRENT APPLICATION DATA:

ATTORNEY: BOWELL, David Douglas LAWRENCE

FILING DATE: 17 OCT 1994

CLASSIFICATION: 445

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US94/00068

FILING DATE: 17 FEB 1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US94/00068

FILING DATE: 17 FEB 1994

ATTORNEY/AGENT INFORMATION:

NAME: KIL, Gordon

REGISTRATION NUMBER: 30,764

REFERENCE/BOOK NUMBER: 0-68066

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 293-7060

TELEFAX: (202) 293-7060

TELEX: 6491103

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 1297 amino acids

TYPE: amino acid

TOPIC: heart

MOLECULE TYPE: protein

US-08-290-731C-4

Query Match: 5.1%

Score: 156.5

Length: 1297

Host: Local Similarity: 22.0% Score: 1447, 108.4% Identity: 67%
 Match: 111, 100% Identity: 200, 100% Identity: 114, 100% Identity: 177, 100% Identity: 350

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5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																				

[illegible]

1. МАМЕРКИ А.К. ВИДОВЫЕ РАСТЕНИЯ РАЙОНА ЧИЧЕНСКОГО РАЙОНА ЧЕЧЕНСКОЙ РЕСПУБЛИКИ. 60 с.

Query Match	13.18%	Score 892.14	DB 5	Length 9152
Best Local Similarity	40.78%	Prod. No. 5360	1.0	
Matches 1221	Score 94.06	Seq. Ident. 92.5%	DB 13	Length 1000
Q7 145	RLVETVYK	RLVETVYK	Q7 145	RLVETVYK
D6 174	RVEVIAHDSGSR	RKRNKRNHVTASVRIQDQVLSLHCVAFEDQDNE	AB 174	RVEVIAHDSGSR
Q7 196	RLVETVYK	RLVETVYK	Q7 196	RLVETVYK
D6 240	RLVETVYK	RLVETVYK	D6 240	RLVETVYK
Q7 252	RLVETVYK	RLVETVYK	Q7 252	RLVETVYK
D6 290	RLVETVYK	RLVETVYK	D6 290	RLVETVYK
Q7 311	RLVETVYK	RLVETVYK	Q7 311	RLVETVYK
D6 348	RLVETVYK	RLVETVYK	D6 348	RLVETVYK
Q7 369	RLVETVYK	RLVETVYK	Q7 369	RLVETVYK
D6 400	RLVETVYK	RLVETVYK	D6 400	RLVETVYK
Q7 415	RLVETVYK	RLVETVYK	Q7 415	RLVETVYK
D6 457	RLVETVYK	RLVETVYK	D6 457	RLVETVYK
Q7 475	RLVETVYK	RLVETVYK	Q7 475	RLVETVYK
D6 479	RLVETVYK	RLVETVYK	D6 479	RLVETVYK

[illegible]

27	5.21	pp	FAA11PEA 540	
28	1	1	11111	
29	5.22	FAA11MAHAPP	540	
30				
31	RESULT	15		
32	996972			
33	996972	PRELIMINARY:	PR1: 124 x AA.	
34	01-1957-2001	(11EMBROL, 1%, treated)		
35	01-1957-2501	(11EMBROL, 1%, last sequence update)		
36	01-1957-2001	(11EMBROL, 1%, last annotation update)		
37	HYPERMUTATIONAL	14.7 KDA PROTEIN.		
38	PERMENA			
39	Homo sapiens (human)			
40	Eukaryota: Metazoa: Chordata: Vertebrata: Euteleostomi:			
41	Mammalia: Eutheria: Primates: Catartida: Homiidae: Homo			
42	NCBI Taxid 9606;			
43	11			
44	SEQUENCE FROM N.A.			
45	TISSUE: KIDNEY;			
46	MEHLIN: 21390047; PubMed 1149584;			
47	Wilson P.H., Jisso-Niedergro S., Choate R.A., Ishikawa R.,			
48	Nelson-Williams C., Deslitter L., Gould M., Millford D.V., Lipkin S.M.,			
49	Ashard J. M., Freely M.P., Jassal B., Boyland K., Mayne H.,			
50	Simon D.B., Farfel Z., Jomandotti X., Lilton R.P.,			
51	"Human Hypercortisolism Caused by Mutation in the WNK Kinases";			
52	Science 294:1107-1112(2001).			
53	EMBL: AF99018; AAK91995.1;			
54	Hypothalamic protein.			
55	SEQUENCE: 124 x AA; 1447 x BP; FA(413008BA)447 x BP(44			

[illegible]

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